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DESCRIPTION OF A NEW SPECIES OF GONIOBRANCHUS.

BY ANDREW GARRETT.

Goniobranchus albopunctatus, Garr.

Animal elongate-oval, depressed, the two ends equally rounded, a little the widest at the middle, and, when in motion, it becomes more elongate, and the sides nearly parallel. The dorsal region is depressly convex, smooth, and the margins of mantle thin. The upper surface is bright orange-yellow, with crowded opaque white dots, and minute annulæ; the mantle with a band of small irregular lemon-yellow spots near the margin, which latter is edged with violaceous.

The dorsal tentacles, which issue from simple orifices, are elongate ovate, sub-mucronate, somewhat trigonal, purple-brown, profusely dotted with opaque white, and marked with two vertical lines of the latter color.

The branchial plumes are rather large, twelve in number, connate at their base, decreasing in size posteriorly, and encircling the prominent anal tube; they are colored and dotted similar to the tentacles, and each ornamented with two longitudinal white lines.

The under surface of the mantle and foot are pale lemon-yellow, the former margined the same as above.

The head is small, and furnished with moderate, obtuse, cylindrical tapering labial appendages.

The foot is elongate, narrow, obtusely rounded in front, sides parallel, rounded behind, and, when in motion, extends considerably behind the mantle.

Length, 62; diameter, 20 millimetres.

Hab.—Huahine, Society Islands.

A very rare species found on weedy bottom in the upper region of the laminarian zone, and is the only example which has occurred to my notice during ten years collecting in the group.